# Defense Information Systems Agency Joint Interoperability Test Command

# Advanced Technology Testbed (ATT)



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### Range of Services

- Proof of Concept
- Developmental Test & Evaluation
- Benchmark Testing
  - Vendor Products
- Performance Evaluation
- •Life Cycle Support
- Operational Test & Evaluation
- Joint Interoperability Certification



# Communication Capability Test Command

- •IP Telephony (VoIP and video)
- •Gigabit Ethernet Infrastructure
- •Asynchronous Transfer Mode
  (ATM) infrastructure;
  Permanent Virtual Circuit,
  Switched Virtual Circuit (PVC/SVC)
  and LANE.
- •Multiprotocol Label Switching (MPLS)
- Packet over SONET (PoS)
- Wireless LAN Technology
- •Firewalls (Raptor, Gauntlet)







## Multi Vendor Network Environment



















## **Testing Equipment**

- •Adtech- The industry standard for testing the performance and Quality of Service(QoS) of broadband transmission technologies including IP, ATM, Ethernet and Frame Relay.
- •SmartBits- A system designed to do comparative analysis and benchmark performance testing of network equipment.
- •Sniffer- a portable network performance analysis system that can assist in troubleshooting network performance issues.



- Expansion of the JITC Distributed Testbed
- •Can support various public and private communication infrastructures.
- •Interacts with existing test labs and Key Joint Test Networks.





#### **ATT'S Commitment**

To support customers with existing and emerging communication technologies for voice, video and data.





#### Conclusion

- •Support all types of testing; certification
- •Latest communication technologies
- •Accessibility to a high speed infrastructure
- •State of the art testing equipment
- Interact with existing DoD laboratories/networks

